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Colony, Domlur Layout, Bangalore 560 071, Karnataka (IN).

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(71) Applicant (for all designated States except US): **ACCORD SOFTWARE & SYSTEMS PVT.LTD.** [IN/IN]; N°37, K.R. Colony, Domlur Layout, Bangalore 560 071, Karnataka (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PURUSHOTHAM, Subbarao** [IN/IN]; M/S Accord Software & Systems Pvt. Ltd., **MURALIKRISHNA, Srikantiah** [IN/IN]; M/S Accord Software & Systems Pvt. Ltd., N°37, Krishna Reddy Colony, Domlur Layout, Bangalore 560 071, Karnataka (IN). **MANUR, Raghavendra, Shenoy** [IN/IN]; M/S Accord Software & Systems Pvt. Ltd., N°37 Krishna Reddy

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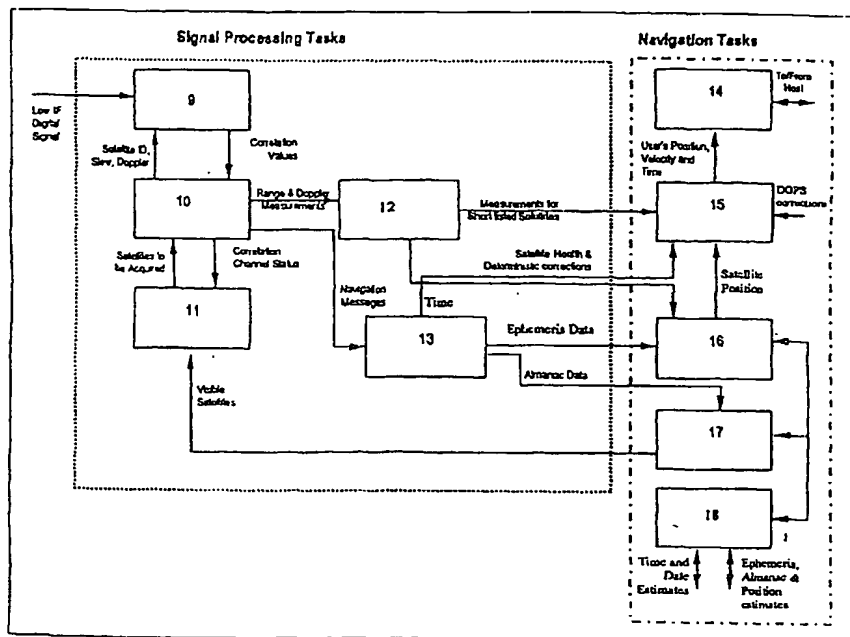
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(54) Title: GLOBAL POSITIONING SYSTEM RECEIVER



(57) Abstract: Global Positioning System Receiver is primarily used for navigation purpose. This novel receiver is intended to perform both the correlation and navigation function thereby facilitate easy channel configuration. The device facilitate to change the sampling frequency in the software to interface with any type of Radio Frequency down converter. The correlator is incorporated within the navigation processing unit which resides in a programmable Digital Signal Processor chip. A sampling clock directly connects the DSP to the RF down converter.

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WO 03/060543 A2